



JPW

03500.017767

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
FUMITAKA TOYOMURA ) Group No.: 1753  
Application No.: 10/729,006 )  
Filed: December 8, 2003 )  
For: SOLAR CELL MODULE ) May 12, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed below and on the enclosed Form PTO-1449.

- (1) U.S. Application No. 2002/0044473
- (2) U.S. Patent No. 6,207,896
- (3) U.S. Patent No. 5,951,785
- (4) U.S. Patent No. 6,184,457
- (5) JP 9 271179
- (6) JP 11 186572
- (7) Markus Wuest & Peter Toggweiler, "Single Cell Converter System (SCCS)", PMS Energy Ltd., pp 813-815, (1994).

Copies of Documents (5) to (7) are enclosed. Pursuant to 1276 OG 55, copies of the remaining documents are not enclosed.

Document (3) is believed to be an English language counterpart of Document (5), and Document (4) is believed to be an English language counterpart of Document (6). The English language counterparts are believed to provide a concise explanation of relevance for Documents (5) and (6).

Inasmuch as this application has not yet received a first Office Action on the merits, it is believed that this Information Disclosure Statement is timely. See 37 C.F.R. § 1.97(b)(3). Accordingly, the Examiner is urged to study this information in its entirety and to form an independent determination of the materiality of the information to the claimed invention. Additionally, the Examiner is requested to indicate that this information has been considered by initialing the appropriate portion of Form PTO-1449.

Applicant's undersigned attorney may be reached in our Costa Mesa, California office by telephone at (714) 540-8700. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

  
Attorney for Applicant

Registration No. 32622

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3800  
Facsimile: (212) 218-2200

FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)  <div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block; text-align: center;"> <b>PTO</b>  <b>MAY 13 2004</b>  <b>PATENT &amp; TRADEMARK OFFICE</b> </div>			ATTY DOCKET NO. <b>03500.017767</b>		APPLICATION NO. <b>10/729,006</b>	
APPLICANT <div style="text-align: center; font-weight: bold; font-size: 1.2em;">FUMITAKA TOYOMURA</div>						
FILING DATE <div style="text-align: center; font-weight: bold;">December 8, 2003</div>			GROUP <div style="text-align: center; font-weight: bold;">1753</div>			

  

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,207,896	03/27/2001	Toyomura	174	58	
		5,951,785	09/14/1999	Uchihashi, et al.	136	251	
		6,184,457	02/06/2001	Tsuzuki, et al.	136	256	

  

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		9-271179	10/14/1997	JAPAN			Abstract
		11-186572	07/09/1999	JAPAN			Abstract

  

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Markus Wuest & Peter Toggweiler, "Single Cell Converter System (SCCS)", PMS Energy Ltd., pgs. 813-815, (1994).
	U.S. Patent Application Publication No.: US 2002/0044473 A1, Publication Date: April 18, 2002, Toyomura, et al. - U.S. Class 363; Subclass 142.

  

EXAMINER	DATE CONSIDERED
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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